



MISSOURI DEPARTMENT OF
HEALTH

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TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

FROM: Howard Pue, DVM, MS, Section Chief
Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) March 2001
(through week 13 ending March 31, 2001)

DATE: April 19, 2001

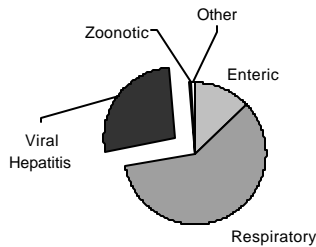
The Section of Communicable Disease Control and Veterinary Public Health will be publishing a monthly update on selected reported communicable diseases. The Section is responsible for reportable communicable diseases without federal funding. This information may also be found on the Missouri Department of Health (MDOH) Homepage at www.health.state.mo.us under Diseases & Conditions.

Educational literature may also be found at this web site in the Publications Section.

The After Hours Emergency Number for the Missouri Department of Health is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health at (800) 392-0272.

Monthly Communicable Disease Update, March, 2001 (Provisional Data)

Reported Diseases by Category
Missouri, Year-To-Date
December 31, 2000* -March 31, 2001

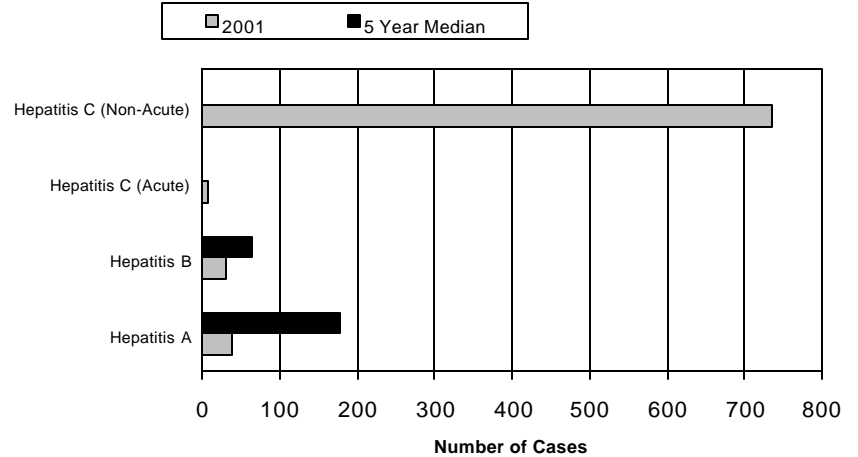


Each month a different "slice of the pie" is described in the chart to the right.

*Reporting year 2001 began December 31, 2000.

See below for list of diseases in each category.

December 31, 2000 to March 31, 2001
Compared to 5 Year Median for Corresponding Period
Viral Hepatitis, Missouri



Reported Cases of Selected Diseases by Category

	2001 Mar	2001 YTD	2000 YTD	5 Year Median YTD	% Change 5 Year Median	Number of Cases Mar 2001 by Health District						
						CD	ED	NE	NW	SE	SW	Unk
Enteric Diseases												
Campylobacteriosis	25	79	89	89	-	11.24%	1	5	0	4	2	13
Cryptosporidiosis	4	4	5	5	-	20.00%	0	2	0	1	0	1
E. coli O157:H7 #	1	4	23	3	+	33.33%	0	1	0	0	0	0
Giardiasis	50	145	166	138	+	5.07%	9	23	1	5	2	10
Listeria monocytogenes	0	1	2	2	-	50.00%	0	0	0	0	0	0
Salmonellosis	31	87	88	88	-	1.14%	3	11	2	9	4	1
Shigellosis	11	63	105	105	-	40.00%	0	9	0	2	0	0
Yersinia enterocolitica	1	6	4	6	-	0.00%	0	1	0	0	0	0
Respiratory												
Influenza (Lab Confirmed)	140	1788	2393	750	+	138.40%	13	64	2	11	30	19
Legionellosis	2	5	2	2	+	150.00%	0	0	0	1	0	1
Viral Hepatitis												
Hepatitis A	8	37	121	178	-	79.21%	1	4	0	2	0	1
Hepatitis B	9	30	24	63	-	52.38%	0	4	0	2	1	2
Hepatitis C (Acute)*	3	7	4	na	na	na	0	3	0	0	0	0
Hepatitis C (Non-Acute)*	225	736	1576	na	na	na	38	70	5	55	24	28
Zoonotic												
Ehrlichiosis	1	2	0	0	+	~	0	1	0	0	0	0
Lyme Disease	2	4	4	4	-	0.00%	0	1	0	1	0	0
Rocky Mtn Spotted Fever	7	11	0	0	+	~	0	1	0	0	2	4
Tularemia	0	0	1	0	~	~	0	0	0	0	0	0
Other												
HIB Disease	2	6	4	3	+	100.00%	0	1	0	0	1	0
Malaria	0	2	1	2	-	0.00%	0	0	0	0	0	0
Meningococcal Disease	4	18	23	31	-	41.94%	0	2	0	1	0	1

*Hep C became reportable in 1997; it was previously included in Hepatitis Non A, Non B.
Reportable diseases of very low incidence (<10 cases in previous year) are not included.
~not divisible by zero

1997 Population Estimates by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
679,600	1,893,900	249,200	1,276,300	545,400	757,600

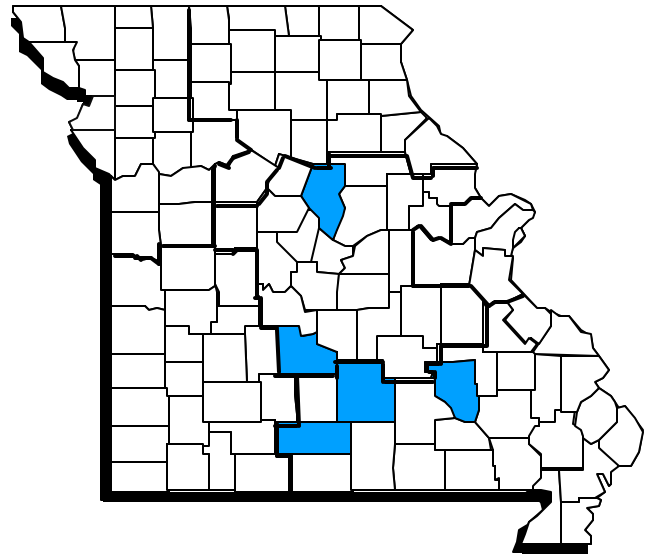
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Monthly Communicable Disease Update, March, 2001 (Provisional Data)

Confirmed Rabies in Animals

Species	March		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	59	0	137	1
Cat	53	0	126	0
Bat	21	0	114	1
Skunk	8	1	11	2
Fox	1	0	4	0
Cow	5	0	11	0
Horse	1	1	3	1
Ferret	2	0	4	0
Raccoon	20	0	38	0
Rodent/Rabbit	4	0	15	0
Other Domestic	0	0	1	0
Other Wild	3	0	12	0
Exotic	0	0	1	0
Total	177	2	477	5

Confirmed Animal Rabies in Missouri
By Health District
December 31, 2000 - March 31, 2001



Counties Under Rabies Alert: Reynolds

Active Surveillance System

Local health agencies have established surveillance sites that report clinical symptoms. This system is intended to rapidly assess changes in the community's health. The current reporting format was implemented in July, 1998.

Signs and Symptoms of Diseases or Conditions	2001 Mar	2000 Mar	March 2001 by Health District					
			CD	ED	NE	NW	SE	SW
Animal Bites	228	246	41	12	8	81	49	37
Eye Redness w/drainage	1,856	2,775	616	120	125	349	428	218
Gastro-Intestinal Illnesses								
Diarrhea and/or vomiting	8,814	10,685	1,787	443	794	2,434	2,330	1,026
Other	1,121	364	0	426	88	327	136	144
Respiratory Illness								
Flu-like illness	8,963	8,696	1,987	307	996	2,632	1,803	1,238
Pneumonia	1,247	769	277	150	118	208	363	131
Other URI	5,379	2,409	387	160	581	1,129	2,159	963
Strep	2,698	3,018	363	395	280	1,095	309	256
Mono	116	84	22	4	11	44	35	0
Rash Illnesses								
Chickenpox (varicella)	628	879	153	66	51	185	93	80
Shingles - (varicella zoster)	73	87	18	1	9	19	20	6
Fifth Disease	206	89	104	53	3	19	18	9
Hand, Foot & Mouth Disease	19	5	1	0	8	1	7	2
Other	515	319	195	63	12	81	99	65
Hepatitis								
Hepatitis A	1	17	0	0	0	1	0	0
Hepatitis B	10	7	3	0	0	2	0	5
Hepatitis C	75	67	1	0	6	17	13	38
Infestations								
Pediculosis	2,008	2,620	452	40	149	282	672	413
Scabies	73	67	19	0	7	2	23	22
Other	38	70	0	0	5	29	3	1
Central nervous system illnesses								
Encephalitis	0	0	0	0	0	0	0	0
Meningitis	7	8	0	0	0	0	4	3
Hypothermia	2	0	0	0	0	0	2	0
Hyperthermia	13	0	0	0	0	13	0	0
Other	119	12	0	0	1	118	0	0